

REMARKS

This is a full and timely response to the outstanding final Office Action mailed June 18, 2007. Reconsideration and allowance of the application and pending claims are respectfully requested.

I. Claim Rejections - 35 U.S.C. § 103(a)

Claims 1-30 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over *Malik, et al.* ("Malik," U.S. Pat. No. 6,160,794) in view of *Lozinski, et al.* ("Lozinski," U.S. Pat. No. 6,055,306) and *Kheirolomoom, et al.* ("Kheirolomoom," U.S. Pub. No. 2003/0004746).

As indicated above, each remaining independent claim has been amended through this Response. In view of those amendments, Applicant respectfully submits that the rejections are moot as having been drawn against Applicant's claims in a previous form. Applicant therefore requests that the rejections be withdrawn.

Turning to the merits of independent claim 1, none of the applied references teach or suggest "a web service under test receiving a request from a client" and "the web service under test sending a message related to the received client request to an actual web service deployed on the Internet". Applicant notes that the Malik reference, which is allegedly "discloses the invention substantially as claimed," teaches neither of those actions.

Furthermore, the references do not teach or suggest "a redirection service intercepting the message sent by the web service under test before the message reaches the actual web service". Although, as indicated in the Office Action, Malik

discloses a "redirection service" in column 10, Malik does not state that the service intercepts a message before it reaches an "actual web service".

In addition, the references do not teach or suggest "the redirection service identifying a mock web service to which the message should be redirected, the mock web service being configured to emulate operation of the actual web service". Regarding column 10, line 57 to column 11, line 18 of the Malik reference, which were relied upon in the Office Action, Applicant can find no teaching of "emulating" operation of an actual web site. Applicant therefore respectfully requests that the Examiner specifically identify where in those portions of the Malik disclosure Malik teaches "identifying a mock web service to which the message should be redirected, the mock web service being configured to emulate operation of the actual web service".

Regarding independent claim 21, the references do not teach or suggest a redirection service configured to "intercept a message transmitted by a web service under test to an actual web service deployed on the Internet" or "identify a mock web service to which the message should be redirected, the mock web service being configured to emulate operation of the actual web service" for reasons described above.

Regarding independent claim 33, the references do not teach or suggest "the web service under test receiving the request and directing a related request to a web site associated with an actual web service that is deployed on the Internet", "a redirection service intercepting the related request such that the related request does not reach the web site associated with the actual web service", or "the redirection service identifying a mock web service to which the message should be redirected, the

mock web service being configured to emulate operation of the actual web service" for reasons described above.

In addition, the references do not teach or suggest "the mock web service identifying a response output responsive to the related request and transmitting the response output to the redirection service" or "the redirection service transmitting the response output to the web service under test". Specifically, the references do not teach or suggest a mock web service returning a response to a request of a web service under test.

In view of at least the above, Applicant respectfully submits that claims 1, 21, and 33 and their dependents are allowable over the prior art of record.

II. Canceled Claims

Claims 3, 4, 6, 7, 9-20, 22, 23, 25-30, 34, and 35 have been canceled from the application without prejudice, waiver, or disclaimer. Applicant reserves the right to present these canceled claims, or variants thereof, in continuing applications to be filed subsequently.

III. New Claims

Claims 39 and 40 have been added into the application through this Response. Applicant respectfully submits that these new claims describe an invention novel and unobvious in view of the prior art of record and, therefore, respectfully requests that these claims be held to be allowable.

With particular regard to independent claim 39, the prior art of record does not teach or suggest "a web service under test configured to (i) receive the requests sent by the mock client, (ii) generate a related request, and (iii) send via a web protocol the related request to an actual web service that is deployed on the Internet; a redirection service configured to (i) intercept the related request sent by the web service under test, (ii) identify a mock web service that emulates operation of the actual web service, (iii) redirect the related request to the mock web service such that the related request does not reach the actual web service, (iv) receive a response to the related request from the mock web service, and (v) send via a web protocol the response to the web service under test; and a mock web service configured to (i) receive the related request from the redirection service, (ii) identify an associated response, and (iii) send the response to the redirection service". In particular, none of the prior art references teach or suggest a testing environment comprising a web site under test, a redirection service, and a mock web site that comprise the above-described functionalities.

CONCLUSION

Applicant respectfully submits that Applicant's pending claims are in condition for allowance. Favorable reconsideration and allowance of the present application and all pending claims are hereby courteously requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned attorney at (770) 933-9500.

Respectfully submitted,



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